

SYSTEM AND METHOD FOR SECURE PROVISIONING OF A
MOBILE STATION FROM A PROVISIONING SERVER
USING IP ADDRESS TRANSLATION AT THE BTS/BSC

ABSTRACT OF THE DISCLOSURE

5 There is disclosed a security device for use in a wireless
network comprising a group of base stations that communicate with
numerous mobile stations. The security device prevents an
unprovisioned one of the mobile stations from accessing an Internet
protocol (IP) data network through the wireless network. The
security device comprises a first controller for receiving from the
unprovisioned mobile station an IP data packet comprising an IP
packet header and an IP packet payload. The first controller
replaces the IP packet header with a replacement IP packet header
containing an IP address of a selected provisioning server of the
wireless network. The first controller selects the provisioning
server by selecting the IP address in the replacement IP packet
header according to a load spreading algorithm.